

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A method for thermally protecting the electric motor in a variable speed electric sprayer having a control and a temperature, and which operates to maintain a user-selected controlled pressure, the method comprising:

monitoring the temperature of said electric motor; and

reducing said controlled pressure from said user-selected controlled pressure and continuing to spray when said electric motor temperature exceeds a predetermined level.

2. (original): The method of claim 1 wherein said change occurs only after said motor temperature has exceeded said predetermined level for a predetermined length of time of motor operation.

3. (currently amended): A method for thermally protecting the electric motor in a variable speed electric sprayer having a control and a temperature, and which operates to maintain a user-selected controlled pressure, the method comprising:

monitoring the temperature of said motor; and

Appl.No. 10/575,607
Amdt.dated October 14, 2009
Reply to Office action of September 29, 2009

changing the control of said motor from variable speed control to on/off control when
said motor temperature exceeds a predetermined level.

4. (original): The method of claim 3 wherein said change occurs only after said motor temperature has exceeded said predetermined level for a predetermined length of time of motor operation.

5. (currently amended): A method for thermally protecting the electric motor in a variable speed electric sprayer having a control and a temperature, and which operates to maintain a user-selected controlled pressure, the method comprising:

monitoring the temperature of said motor;

reducing the controlled pressure from said user-selected controlled pressure and
continuing to spray when said motor temperature exceeds a first predetermined
level; and

changing the control of said motor from variable speed control to on/off control when
said motor temperature exceeds a second predetermined level.

6. (original): The method of claim 5 wherein said second predetermined level is higher than
said first predetermined level.

7. (original): The method of claim 5 wherein said change occurs only after said motor temperature has exceeded said predetermined level for a predetermined length of time of motor operation.